



American Association of
State Highway and
Transportation Officials

DOCKET FILE COPY ORIGINAL

RECEIVED

JAN 18 2000

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Thomas R. Warne, President
Executive Director
Chief Administrative Officer
Utah Department of Transportation

John Horsley
Executive Director

January 18, 2000

Office of the Secretary
Federal Communications Commission
445 Twelfth Street, S.W., Room TW-A325
Washington, D.C. 20554

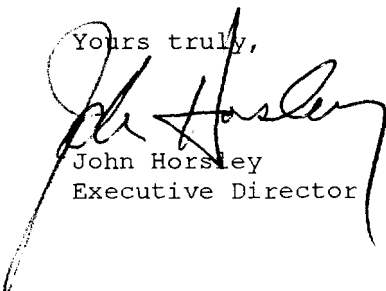
RE: WT Docket No. 99-168 ✓

Dear Sir or Madam:

Enclosed are an original and four copies of AASHTO's comments on the referenced First Report and Order. These comments focus primarily upon the unique functions of the highway and transportation system and radio user.

Thank you for your consideration of AASHTO's position on this important matter.

Yours truly,


John Horsley
Executive Director

encl.

cc: Stan Wiggins
ITS

No. of Copies rec'd 01-3
List A B C D E

**Before the
Federal Communications Commission
Washington, D.C. 20554**

RECEIVED
JAN 18 2000
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

In the Matter of)	
)	
Service rules for the 746-764 and)	WT Docket No. 99-168
776-794 MHz Bands, and)	
Revisions to Part 27 of the)	
Commission's Rules)	

COMMENTS OF THE

**AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
SPECIAL COMMITTEE ON COMMUNICATIONS**

by

Its Chairman

Richard Sheldrew

January 14, 2000

No. of Copies rec'd 0+3
List A B C D E

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In the Matter of)	
Service rules for the 746-764 and)	WT Docket No. 99-168
776-794 MHz Bands, and)	
Revisions to Part 27 of the)	
Commission's Rules)	

TO: The Commission

Comments

The American Association of State Highway and Transportation Officials respectfully submits these Comments on the Commission's Notice of Inquiry in the above-captioned proceeding.

AASHTO is the national association of the state departments of highways and transportation in the 50 states, the District of Columbia and Puerto Rico. Its scope includes

all five principal transportation modes, and its major purpose is to foster the development, operation and maintenance of an integrated national transportation system.

Introduction

AASHTO represents the State Transportation Departments as well as the Departments of Transportation for the District of Columbia and Puerto Rico. These departments are becoming increasingly dependent upon wireless telecommunications technologies for the routine and emergency response activities.

The Commission, in this rulemaking, is requesting comments concerning the protection of Public Safety Agency operations by placing limitations on the operators of systems in the spectrum bands immediately adjacent to the Public Safety Bands.

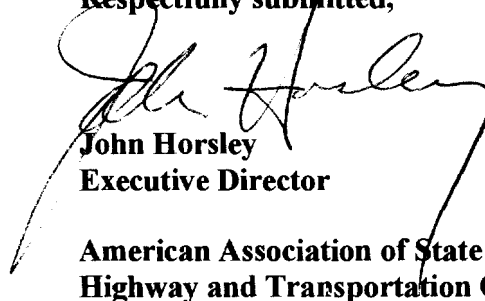
AASHTO has been actively involved in the spectrum management activities for frequencies allocated to the Private Land Mobile Radio Services for more than 40 years. This experience has shown that the frequency coordination process has been effective in allowing the maximum usage by the entities eligible to operate Private Land Mobile Communications systems while minimizing interference between users. We have also found that when interference does occur, like users, that is, land mobile radio system operators are able to cooperate and resolve problems in accordance with FCC Rule Part 90.173 (b).

The requirement that operation in the guard bands limit their out-of-band emission to an attenuation level of $87 + 10 \log (P)$ can provide the necessary protection if it includes frequency coordination requirements based upon the existing policies of the current frequency coordinators.

We are concerned that the operation of systems employing cellular-like frequency re-use pattern could result in greater interference and RF "noise floor" considerations which would not occur if the usage is limited to traditional wireless telecommunications usage.

Licensees operating in the guard bands immediately adjacent to the Public Safety frequency bands should be technically equivalent to Public Safety systems infrastructures which are best exemplified in Land Mobile Radio systems operations.

Respectfully submitted,



**John Horsley
Executive Director
American Association of State
Highway and Transportation Officials**